

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Olli-Pekka Pohjola  
Title: SECURE UPSTREAM TRANSMISSION IN  
PASSIVE OPTICAL NETWORKS  
Appl. No.: 10/717,601  
Filing Date: 11/21/2003  
Examiner: Hanh Phan  
Art Unit: 2613  
Confirmation Number: 8207

**AMENDMENT AND REPLY UNDER 37 CFR 1.116**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This communication is responsive to the Office Action dated May 17, 2007, concerning the above-referenced patent application.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this document.

**Remarks/Arguments** begin on page 7 of this document.

Please amend the application as follows: